




National Aeronautics and
Space Administration

Educational Service	
Educators and Students	Grades K– Postdoctoral

EP-2003-07-412-HQ

NASA DIGITAL EDUCATIONAL RESOURCES

NASA PORTAL—INFORM, INVOLVE, AND INSPIRE

**NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION**

- Low Bandwidth
- en Español
- Contact NASA

+ ABOUT NASA

+ NEWS & EVENTS

+ MULTIMEDIA

+ MISSIONS

+ POPULAR TOPICS

+ MyNASA

+ For Kids

+ For Students

+ For Educators

+ For Media & Press

Visit this resource at:
www.nasa.gov

The National Aeronautics and Space Act of 1958 (as amended) states that NASA shall “provide for the widest practicable and appropriate dissemination” of its information. NASA is interested in transforming its relationship with citizens and in building an electronic presence that is interactive and citizen-centric.

Enter the NASA Portal. The NASA Portal serves as the gateway for information regarding content, programs, and services offered by NASA for the general public and, specifically, for the educational community with the goals to inform, involve, and inspire.

The collection of educational information has been divided into categories within the community-focused orientation of the site. The key user communities identified are kids, students, educators, and the media. The students’ and educators’ categories are divided into subcategories providing access to a comprehensive overview of specific NASA educational resources, programs, and

services available for K–4, 5–8, 9–12 grade levels and post-secondary users. An additional subcategory in the Educators’ section addresses the needs of science centers, planetariums, libraries, etc. NASA Education news releases and schedules for NASA educational broadcasts on the Internet and television also are posted. Specific details and points of contact for all of NASA’s educational efforts, Field Center offices, and points of presence within each State are included in this site.

The portal also provides access to resources developed by NASA’s five areas of research and development, namely, Aerospace Technology, Biological and Physical Research, Earth Science, Space Flight, and Space Science. All information is available in multiple formats to provide maximum access to persons with disabilities and is available on a 24/7 time period to customer communities.

Deliver to your desktop a personalized NASA presence! Sign up to customize your own MyNASA page with specific news articles and features. Register for MyNASA and customize your page with the NASA content that interests you. Members also can bookmark articles and features throughout the NASA Portal for quick access during future visits.

NASA’s goal is to improve interactions for students, educators, and families with NASA and its education resources. Visit the NASA Portal and begin a journey of personal discovery.

CENTRAL OPERATION OF RESOURCES FOR EDUCATORS

The Central Operation of Resources for Educators (CORE) is a worldwide distribution center for NASA’s multimedia and print materials. For a minimal fee, CORE provides educators with materials through its mail-order service.

Our Subject Area Value Pack Modules supply everything an educator needs to teach a complete unit. Many consist of videotapes, CD-ROMs, educator guides, DVDs, slide sets, and related curriculum support materials. Subject areas are history of flight, mathematics, life sciences, careers, geography, and more, including a special module of Earth/space science Spanish materials.

CORE serves educators from kindergarten through college, preservice educators, home schoolers, librarians, students, boy/girl scout club leaders, 4-H leaders, and international educators. Check out our Web site at <http://core.nasa.gov> to view our catalog of educational products such as videos, DVDs, CD-ROMs, and fun NASA activity kits.

NASA also has Educator Resource Centers (ERCs) located in colleges, museums, planetariums, and science centers with our collection of materials. Contact CORE for a NASA Educator Resource Center in your State. Educators are encouraged to make an appointment to preview materials and attend workshops on NASA products! To find the ERC that services your area, please visit the ERC Home Page at <http://education.nasa.gov/ercn>

CORE is supported through a cooperative agreement between NASA's Office of Education and the Lorain County Joint Vocational School in Oberlin, Ohio.

CORE
Lorain County JVS
15181 Route 58 South
Oberlin, OH 44074
440-775-1400
1-866-776-CORE
(toll-free within the U.S. only)
nasaco@leeca.org
<http://core.nasa.gov>

VIDEOCONFERENCING AND DISTANCE LEARNING

NASA is about creating the future, and our greatest asset in fulfilling this demanding charter is the excellence of our people. The NASA Office of Education believes that if we are to inspire the next generation of explorers . . . as only NASA can, we must:

- Motivate students to pursue careers in science, mathematics, engineering, and technology;
- Provide educators with unique teaching tools and compelling teaching experiences;
- Seek to ensure that we are investing the taxpayers' resources wisely; and
- Engage minority and underrepresented students, educators, and researchers in NASA's Education Program.

The goal of NASA's Digital Learning Network is to enhance NASA's capability to deliver unique content by linking customers with one or more NASA Centers in an integrated fashion. This coordinated digital learning network will let us better leverage NASA's unique content, facilities, and personnel so that we can provide students and educators at the precollege and university levels across the Nation and around the world with a unique experience.

Learners at all levels have the opportunity to interact directly with NASA scientists to gain a new appreciation for the importance of science and education. Additional information is available online at NASA's Education Electronic Field Trips Web Page at <http://education.nasa.gov/fieldtrip.html>

NASA TELEVISION

NASA Television (NTV) is a resource designed to provide real-time coverage of Agency activities and missions, as well as resource video to the news media, and educational programming to teachers, students, and the general public. NTV features Space Station and Space Shuttle mission coverage, live special events, interactive educational live shows, electronic field trips, aviation and space news, and historical NASA footage. NTV programming has a 3-hour block—Video (News) File, NASA Gallery/History Hour, and Education File—that repeats throughout the day. The NASA Education File features programming for educators and students highlighting topics related to science, mathematics, geography, and technology. Viewers are encouraged to tape the programs. The NTV Education File follows a monthly schedule and is theme based. Multimedia products and Web resources related to each month's theme are available from the "Extra" page Web site.

The NTV Education File can be accessed at: <http://spacelink.nasa.gov/education.file>

The "Extra" page can be accessed at: <http://spacelink.nasa.gov/extra>

NTV Weekday Programming Schedules (All Times Are Eastern)

NASA Gallery/ History Hour	Education File	Video File
7–8 a.m.	8–9 a.m.	9–10 a.m.
10–11 a.m.	2–3 p.m.	12–1 p.m.
1–2 p.m.	5–6 p.m.	3–4 p.m.
4–5 p.m.	8–9 p.m.	6–7 p.m.
7–8 p.m.	11–12 p.m.	9–10 p.m.
10–11 p.m.	2–3 a.m.	12–1 a.m.
1–2 a.m.		

Live feeds preempt regularly scheduled programming.

Check the NTV Home Page on the Internet for
program listings and more information at:
<http://www.nasa.gov/multimedia/nasatv/>

Tune in to NTV via satellite—AMC-9, transponder 9C, C-Band, located at 85 degrees west longitude. The frequency is 3880.0 MHz. Polarization is vertical, and audio is monaural at 6.8 MHz. NTV is broadcast through collaborating distance learning networks and some local cable providers. NTV is also available over the World Wide Web from several sources.